

What is claimed is:

~~Sub 7~~
~~1. A method of manufacturing an ink-jet recording head comprising steps of;~~

preparing a base plate having an ink ejection pressure generating element,

forming a liquid path pattern on said base plate with the use of a soluble resin,

applying a first active energy setting material on said base plate and said liquid path pattern,

applying an ink-repellent second energy active setting material on said first active energy setting material,

exposing said first active energy setting material and said ink-repellent second energy active setting material,

developing said first active energy setting material and said ink-repellent second energy setting material so as to form an ejection port above said ink ejection pressure generating element,

and removing said liquid path pattern,
wherein said ink-repellent second energy active setting material is applied through a drying process.

2. A method of manufacturing an ink-jet recording head according to the claim 1 wherein; an applying method of said ink-repellent second energy active setting material is characterized by a method of spraying said fine particles of said second material.

3. A method of manufacturing an ink-jet recording head according to the claim 1 wherein; an applying method of said ink-repellent second energy active setting material is characterized by a

~~flexographic printing method.~~

4. A method of manufacturing an ink-jet recording head according to the claim 1 wherein; an applying method of said ink-repellent second energy active setting material is characterized by a method of transforming said material into a dry film and by a method of applying said film on said base plate.

5. A method of manufacturing an ink-jet recording head according to the claim 1, wherein said first active energy setting material is an epoxy resin cured by the cationic polymerization

6 A method of manufacturing an ink-jet recording head according to the claim 1, wherein said second active energy setting ~~material is an epoxy resin cured by the cationic polymerization~~

7. An ink-jet recording head manufactured by one of the claims 1, 2, 3, 4, 5 and 6.

add B5